

Connecting via Winsock to STN

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PASSWORD:

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* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 May 12 EXTEND option available in structure searching
NEWS 4 May 12 Polymer links for the POLYLINK command completed in REGISTRY
NEWS 5 May 27 New UPM (Update Code Maximum) field for more efficient patent
SDIs in CPlus
NEWS 6 May 27 CPlus super roles and document types searchable in REGISTRY
NEWS 7 Jun 22 STN Patent Forums to be held July 19-22, 2004
NEWS 8 Jun 28 Additional enzyme-catalyzed reactions added to CASREACT
NEWS 9 Jun 28 ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG,
and WATER from CSA now available on STN(R)
NEWS 10 Jul 12 BEILSTEIN enhanced with new display and select options,
resulting in a closer connection to BABS

NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

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agreement. Please note that this agreement limits use to scientific
research. Use for software development or design or implementation
of commercial gateways or other similar uses is prohibited and may
result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 12:52:58 ON 20 JUL 2004

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 12:53:05 ON 20 JUL 2004

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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 19 JUL 2004 HIGHEST RN 713066-32-1
DICTIONARY FILE UPDATES: 19 JUL 2004 HIGHEST RN 713066-32-1

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

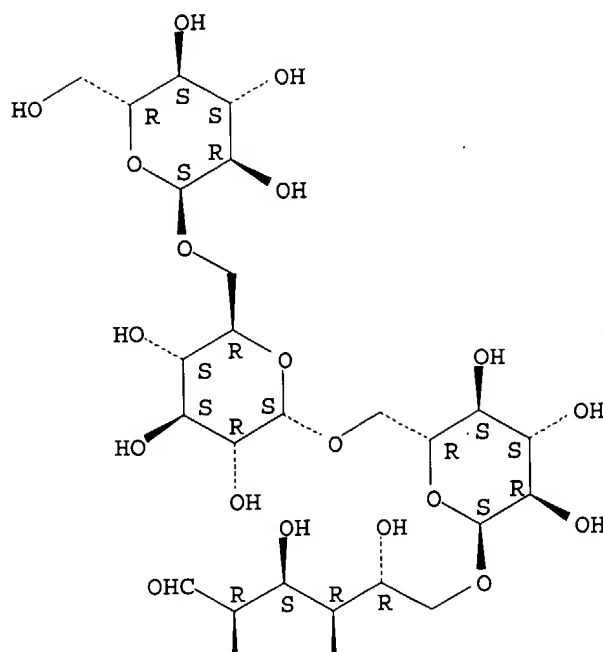
Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

```
=> e isomaltosylglucosaccharide/CN
E1      1      ISOMALTOSIDE, METHYL, HEPTABENZOATE/CN
E2      1      ISOMALTOSUCROSE/CN
E3      0 --> ISOMALTOSYLGLUCOSACCHARIDE/CN
E4      1      ISOMALTOTETRAITOL/CN
E5      2      ISOMALTOTETRAOSE/CN
E6      1      ISOMALTOTETRAOSE SULFATE/CN
E7      1      ISOMALTOTETRAOSE-1-(M-NITROPHENYL) FLAVAZOLE/CN
E8      1      ISOMALTOTRIITOL/CN
E9      1      ISOMALTOTRIO-DEXTRANASE/CN
E10     1      ISOMALTOTRIO-DEXTRANASE (BREVIBACTERIUM FUSCUM VAR. DEXTRANL
YTICUM STRAIN 0407 GENE DEXT PRECURSOR)/CN
E11     1      ISOMALTOTRIOHYDROLASE, EXO-/CN
E12     1      ISOMALTOTRIONIC ACID/CN
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=> s E5;D
L1      2 ISOMALTOTETRAOSE/CN
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L1  ANSWER 1 OF 2  REGISTRY  COPYRIGHT 2004 ACS on STN
RN  35997-20-7  REGISTRY
CN  D-Glucose, O- $\alpha$ -D-glucopyranosyl-(1 $\rightarrow$ 6)-O- $\alpha$ -D-
glucopyranosyl-(1 $\rightarrow$ 6)-O- $\alpha$ -D-glucopyranosyl-(1 $\rightarrow$ 6)- (9CI)
(CA INDEX NAME)
OTHER CA INDEX NAMES:
CN  Isomaltotetraose (6CI, 7CI)
AR  15785-89-4
FS  STEREOSEARCH
MF  C24 H42 O21
CI  COM
LC  STN Files:  AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA,
CAOLD, CAPLUS, IFICDB, IFIPAT, IFIUDB, MEDLINE, TOXCENTER, USPATFULL
(*File contains numerically searchable property data)
DT.CA  Caplus document type: Dissertation; Journal; Patent
RL.P  Roles from patents: ANST (Analytical study); BIOL (Biological study);
PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
RLD.P  Roles for non-specific derivatives from patents: BIOL (Biological
study); PREP (Preparation)
RL.NP  Roles from non-patents: ANST (Analytical study); BIOL (Biological
study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP
(Preparation); PROC (Process); PRP (Properties); RACT (Reactant or
reagent); USES (Uses); NORL (No role in record)
RLD.NP  Roles for non-specific derivatives from non-patents: ANST (Analytical
study); BIOL (Biological study)
```

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

122 REFERENCES IN FILE CA (1907 TO DATE)
 6 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 123 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 15 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> e isomaltose/CN

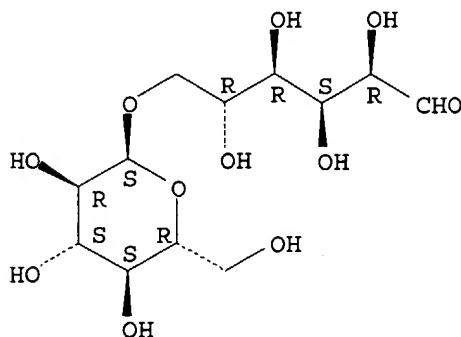
E1	2	ISOMALTOPENTAPOSE/CN
E2	1	ISOMALTOPENTAPOSE-1- (M-NITROPHENYL) FLAVAZOLE/CN
E3	1 -->	ISOMALTOSE/CN
E4	1	ISOMALTOSE DIPALMITATE/CN
E5	1	ISOMALTOSE HOMOPOLYMER/CN
E6	1	ISOMALTOSE MALEATE AMMONIUM SALT/CN
E7	1	ISOMALTOSE MONOPALMITATE/CN
E8	1	ISOMALTOSE PERACETATE/CN
E9	1	ISOMALTOSE, 1,2,2',3,3',4,4'-HEPTAACETATE/CN
E10	1	ISOMALTOSE, DIPALMITATE/CN
E11	1	ISOMALTOSE, MONOPALMITATE/CN
E12	1	ISOMALTOSE, OCTAACETATE, B-/CN

=> s E3;D

L2 1 ISOMALTOSE/CN

RN 499-40-1 REGISTRY
 CN D-Glucose, 6-O- α -D-glucopyranosyl- (6CI, 9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Isomaltose (8CI)
 OTHER NAMES:
 CN 6-O- α -D-Glucopyranosyl-D-glucose
 CN D-Isomaltose
 AR 24822-33-1
 FS STEREOSEARCH
 DR 85066-62-2
 MF C12 H22 O11
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS,
 CHEMLIST, CIN, CSCHEM, EMBASE, IPA, MEDLINE, NAPRALERT, PROMT,
 TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 DT.CA Caplus document type: Book; Conference; Dissertation; Journal; Patent
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);
 FORM (Formation, nonpreparative); OCCU (Occurrence); PREP (Preparation);
 PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES
 (Uses); NORL (No role in record)
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological
 study); PREP (Preparation); PROC (Process); RACT (Reactant or reagent);
 USES (Uses)
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological
 study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP
 (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or
 reagent); USES (Uses); NORL (No role in record)
 RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical
 study); BIOL (Biological study); FORM (Formation, nonpreparative); MSC
 (Miscellaneous); PREP (Preparation); PRP (Properties); RACT (Reactant or
 reagent); USES (Uses)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1189 REFERENCES IN FILE CA (1907 TO DATE)
 35 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1191 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 11 REFERENCES IN FILE CAOLD (PRIOR TO 1967)